IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A radio communication method of communication between two radio stations, comprising the steps of:

mutually exchanging information between said two radio stations about one or more radio communication methods with which each radio station is equipped as software by communicating according to a first radio communication method defined beforehand;

selecting a second radio communication method suitable ~~as~~ for a communication application to be used for communication between said two radio stations from among the one or more radio communication methods with which at least one of the two radio stations is equipped ~~based on the information about the one or more radio communication methods with which each radio station is equipped~~;

identifying, based on the information about the one or more radio communication methods, one of the two radio stations that is not equipped with software of the second radio communication method;

transmitting software of the second radio communication method to said one of the two radio stations identified by said identifying step from another one of the two radio stations ~~from a radio station equipped with the second radio communication method to a radio station which is not equipped with the second radio communication method~~ according to said first radio communication method~~, when only one of said radio stations is equipped with the second radio communication method~~; and

conducting communications between said two radio stations by the communication application according to said second radio communication method based on said software.

Claim 2 (Currently Amended): The radio communication method as claimed in claim 1, wherein said selecting step selects ~~comprising selecting a~~ radio communication method that satisfies communication quality required by said communication application as the second radio communication method.

Claim 3 (Currently Amended): The radio communication method as claimed in claim 1 ~~or 2, comprising:~~

wherein said identifying step checks ~~checking~~ whether both of the radio stations are equipped with said second radio communication method or only one of ~~a radio station of a local site and a radio station to communicate with~~ the two radio stations is equipped with said second radio communication method[[;]], and

said transmitting step transmits ~~transmitting~~ the software of said second radio communication method from ~~the radio station of a local site~~ said another one of the radio stations to the identified one of the radio stations ~~radio station to communicate with~~ when said another one of the radio stations ~~the radio station of a local site~~ determines that only ~~the~~ said another one of the radio stations ~~station of a local site~~ is equipped with said second radio communication method.

Claim 4 (Currently Amended): The radio communication method as claimed in claim 3, wherein the identified one of the radio stations ~~station of a local site~~ acquires the software of said second radio communication method transmitted from ~~the~~ said another one of the radio stations ~~station to communicate with~~ when the identified one of the radio stations ~~station of a local site~~ determines that only said another one of the radio stations ~~station to communicate with~~ is equipped with said second radio communication method.

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Claim 5 (Currently Amended): The radio communication method as claimed in claim

3 ~~or~~ 4, wherein <u>each of</u> the <u>two</u> radio <u>stations</u> ~~station of a local site~~ performs communications

by said communication application according to the second radio communication method

based on the software installed <u>locally</u> ~~in the radio station of a local site~~ when <u>each of</u> the <u>two</u>

radio <u>stations</u> ~~station of a local site~~ determines that the second radio communication method

is provided in both the radio stations.

Claim 6 (Currently Amended): A radio station that communicates with another radio

station by a communication application according to a radio communication method by

controlling radio communication means that comprises hardware that is independent of radio

communication methods, comprising:

memory means to store one or more sets of software of radio communication

methods;

information exchange control means to mutually exchange information about [[a]]

<u>one or more</u> radio communication ~~method~~ <u>methods</u> installed as software by communicating

according to said first radio communication method defined beforehand;

radio communication method selection means to ~~determine~~ <u>select</u> a <u>second</u> radio

communication method suitable for said communication application from radio

communication methods available in at least one of the radio station and said another radio

station ~~as the second radio communication method based on said information about the radio~~

~~communication methods available at the radio station and said another radio station;~~

checking means to check<u>, based on the information about the one or more radio</u>

<u>communication methods,</u> whether said second radio communication method is installed in

both the radio station and the other radio station or only one of the radio station and the other

radio station; and

software transmitting control means to read the software of said second radio

communication method from said memory means and transmit the same to said another radio

station by said first radio communication method when the ~~radio station~~ checking means

determines that said second radio communication method is installed only at the radio station

~~in said checking means~~,

wherein communication with the other radio station by said communication

application according to said second radio communication method is conducted by

controlling said radio communication means based on the software of said second radio

communication method after transmission of the software of said second radio

communication method to the other radio station by said software transmission control

means.

Claim 7 (Original): The radio station as claimed in claim 6, comprising software

acquisition control means to acquire software of said second radio communication method

transmitted from the other radio station when said checking step determined that said second

radio communication method is equipped only with the other radio station, and to store the

same into said memory means.

Claim 8 (Currently Amended): The radio station as claimed in claim 6 ~~or 7~~,

comprising controlling said radio communication means based on said software by reading

the software of said second radio communication method from said memory means when

said second radio communication method is determined available in both the radio station

and the other radio station by said checking means.

Claim 9 (Currently Amended): The radio station as claimed in ~~any one of claims 6 through 8~~ claim 6, wherein said radio communication method selection means selects a radio communication method that will satisfy the communication quality that said communication application requires as the second radio communication method suitable for the communication application concerned.

Claim 10 (Currently Amended): The radio station as claimed in ~~any one of claims 6 through 9~~ claim 6, which is used as a mobile station or a base station in a mobile communications system.

Claim 11 (Currently Amended): The radio station as claimed in ~~any one of claims 6 through 9~~ claim 6, which is used as a mobile station in a mobile ad hoc communication system.

Claim 12 (Currently Amended): A mobile communication system, comprising two or more radio stations as claimed in any one of claims [[1]] 6 through 9, each of which functions as one of a mobile station, a relay station, and a base station.

Claim 13 (New): A radio communication method as claimed in any one of claims 1 through 5, wherein each of said two radio stations functions as one of a mobile station, a relay station and a base station.